International Seabed Authority ISBA/14/C/5

Council

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Election to fill a vacancy on the Legal and Technical Commission in accordance with Part XI, section 4, subsection C, article 163, paragraph 7, of the United Nations Convention on the Law of the Sea

Note by the Secretary-General

1. The Council is invited to note that Michael Wiedicke-Hombach (Germany), member of the Legal and Technical Commission, has resigned. Mr. Wiedicke-Hombach was elected a member of the Commission on 14 August 2006 (see ISBA/12/C/11), for a term of five years beginning 1 January 2007.

2. In accordance with article 163, paragraph 7, of the United Nations Convention on the Law of the Sea and rule 80, paragraph 3, of the Rules of Procedure of the Council of the International Seabed Authority, in the event of the death, incapacity or resignation of a member of the Commission prior to the expiration of his or her term of office, the Council shall elect for the remainder of the term a member from the same geographical region or area of interest.

3. Article 163, paragraph 3, of the Convention and rule 81 of the Rules of Procedure of the Council provide that members of the Commission shall have appropriate qualifications in the area of competence of the Commission, and States parties shall nominate candidates of the highest standards of competence and integrity with qualifications in the relevant fields so as to ensure the effective exercise of the functions of the Commission.

4. By a letter dated 8 April 2008, the Permanent Mission of Germany to the Authority informed the secretariat of the Authority of the nomination of Christian Reichert, head of the Geophysical subdivision of the Federal Institute for Geosciences and Natural Resources, as a candidate to fill the vacant seat on the Commission. The curriculum vitae of Dr. Reichert appears in the annex to the present document.

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Annex

Curriculum vitae[a]

Christian Jürgen Reichert (Germany)

Name:	Dr. Reichert	Affiliation: Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)
Given names:	Christian Jürgen	
Marital status:	married	Stilleweg 2
Date of birth:	12 April 1951	D-30655 Hannover
Place of birth:	Berlin, Germany	Tel: +49-511-643-3244
Nationality:	German	Fax: +49-511-643-3665
Present position:	Sub-Division Head: Geophysical Research	e-mail: christian.reichert@bgr.de
		web-site: www.bgr.bund.de

At present Head of sub-division „Geophysical Research" with the Federal Institute for Geosciences and Natural Resources (BGR).

- Management of the running tasks of the sub-division (staff of approximately 70 scientists and technicians), staff and budget planning. This includes Marine Geophysics with comprehensive instrumentation for operations world-wide (reflection and refraction seismics, magnetics, gravity, geothermics), an airborne technical service with a helicopter completely fitted with electromagnetics, magnetics, radiometry (airborne gravity and airborne radar under development), the German Seismological Central Observatory in Erlangen, the National Data Center fulfilling the German tasks within the frame of the Comprehensive Test Ban Treaty (CTBT) of the United Nations (UN) with its seismic and infrasound monitoring stations, as well as Applied Geophysics with various electromagnetic methods, gravity and geothermics.
- Deputy Division Head (B3: Geophysics, Marine and Polar Research) with approximately 140 scientists and technicians).
- Conception and implementation of and cooperation in interdisciplinary research projects in the marine sector (generally of international character), application for third party funds (e.g. Federal Ministry of Education and Research: marine research with RV SONNE). As in the earlier position, the principle tasks are contributions to assessing the potential in natural resources and the geo-risk potential of selected active and passive continental margins. This includes the study of basic geological-tectonic processes active during continental margin formation.
- Conception and implementation of third party funded projects as well as cooperation with private industry companies.

[a] Reproduced in the original language of submission.

- Until March 2007 coordinator for the subject "Investigation of the Seas and Polar Regions" within the Development and Research Board of BGR.
- Scientific issues within the frame of Implementing Article 76 of the United Nations Convention on the Law of the Sea (delineation of the limits of the continental shelf), German candidate for the elections to the UN Commission on the Limits of the Continental Shelf in June 2007.
- Project-Controlling for the division „Geophysics, Marine and Polar Research".
- Chief-scientist on four marine-geoscientific expeditions with scientific staff of ca. 18 persons for investigations on the continental margins off Costa Rica, Tasmania, Chile and Mozambique.

1993 - 1999 Head of Sub-Division „Marine Geophysics, Polar Research" with the Federal Institute for Geosciences and Natural Resources (BGR).

- Management of the running tasks of the sub-division (staff of approximately 50 scientists and technicians), staff and budget planning including the geological-geophysical expeditions to the arctic and Antarctic regions. The latter are realized about bi-annually, and are of high logistical complexity and costs. They involve intense cooperation with other national and international research groups. (polar budget comprises approximately. 2.2 Mio Euro per fiscal year).
- Conception and implementation of, as well as participation in interdisciplinary research projects in the marine and polar sector sector, application for third party funds (e.g. Federal Ministry of Education and Research: marine research with R/V SONNE). Principle tasks are contributions to assessing the potential in natural resources and the geo-risk potential of selected active and passive continental margins. This includes the study of basic geological-tectonic processes active during continental margin formation.
- Co-ordinator for the working field "Geo:risk" within the Research Board of BGR.
- Chief-scientist on five marine-geoscientific expeditions with scientific staff of ca. 18 persons for investigations of the continental margins of East Siberia (Arctic Ocean), Chile, Queen Maud Land (Antarctica), Namibia, Indonesia as well as of the oceanic crust of the Angola Basin. Co-Chief Scientist on two other expeditions: Arabian Sea and Indian Ocean (Ninetyeast Ridge).

1992 - 1993 Scientific employee with the Geological Survey of Lower Saxony (NLfB): Acquisition, processing and interpretation of shallow-seismic data.

1992	Doctorate thesis: 'Ein geophysikalischer Beitrag zur Erkundung der Tiefenstruktur des Nordwestdeutschen Beckens längs des refraktionsseismischen Profils NORDDEUTSCHLAND 1975/76' (A geophysical contribution to the investigation of the deep structure of the Northwest German Basin along the seismic refraction profile NORDDEUTSCHLAND 1975/76) with focus on seismic and gravimetric methods and modelling.
1983 - 1991	Manager assistant for the German Continental Seismic Reflection Programme (Deutsches Kontinentales Reflexionsseismisches Programm, DEKORP) with the NLfB: Management of comprehensive geo-scientific projects for investigation of the deep Earth's crust in Germany using various methods with focus on the seismic reflection method. Total budget approximately ca. 2 Mio. Euro per year, one scientist, one technician, own seismic reflection equipment and operation. • Conception, organisation, realization and evaluation of the particular sub-projects, incl. call for tenders, commissioning contractors for the main field work and supervision of implementation, • Organisation of annual status workshops as well as of an international symposium („Deep Seismic Profiling of the Continental Lithosphere", Bayreuth, 1990) with about 200 participants, • Presentation of the results on national and international conferences and meetings as well as by publications, • Collaboration with national and international research groups and industry.
1977 - 1983	Scientific employee with the Geological Survey of Lower Saxony (Niedersächsisches Landesamt für Bodenforschung, NLfB), Hannover: • Acquisition, processing and interpretation of seismic refraction data, • Geothermics, • Data processing for ^{14}C age dating.
1970 - 1977	Freie Universität Berlin (Free University of Berlin): Regular studies in geophysics along with geology and geodesy. • Diploma thesis: „Entwicklung und Erprobung eines Programmsystems zur digitalen Bearbeitung refraktionsseismischen Datenmaterials" (Development and testing of a programme system for digital processing of seismic refraction data). • Comprehensive field work in European countries and Brazil for investigations on structures of the deeper Earth,
1957 - 1970	Primary and Secondary School (Gymnasium) in Berlin.

Current projects

- MoBaMaSis: German-French collaboration in marine-geoscientific studies on the Mozambique continental margin along with additional partners from Mozambique and Portugal.
- SUNDAARC: High risk volcanism at the active continental margin of the Sunda Arc, Indonesia (overall co-ordination; third party funded joint research project with four other German research institutions and numerous Indonesian partners: German Federal Ministry of Education and Research),
- SUNDAARC sub-project KRAKMON: Krakatau Multi-Parameter Monitoring (project manager),
- ARGURU: Continental margin off Argentina and Uruguay (project manager, BGR budget),
- Implementation of UNCLOS (support for developing countries for delineation and sustainable usage of their maritime zones; third party funded: German Federal Ministry for Economic Co-operation and Development).

Foci of work

- Initiation and coordination of international geoscientific projects
- Structure and processes at active and passive continental margins,
- Structure of the deep Earth's crust,
- Main expertise: seismic reflection, seismic refraction, gravity, magnetics.

Languages

- German - native tongue,
- English - oral and written: business fluent,
- French - oral: fluent, written: less fluent,
- Italian - oral and reading: satisfactory.
- Spanish - basics,
- Greek - basics.

Advisory boards

- Member of the advisory board of the „Seismological Central Observatory Graefenberg",
- Member of the „Advisory Board for Seismic Field Operations" of the „Council for Physics of the Earth (FKPE)" in Germany,
- Deputy chairman of the advisory board of the German Hydrographic Consultancy Pool (GHyCoP), a commercial association within the frame of public-private partnership (PPP).

Memberships

- Society of Exploration Geophysicists,
- American Geophysical Union,
- European Geosciences Union,
- Deutsche Geophysikalische Gesellschaft,
- Geologische Vereinigung,
- Deutsche Gesellschaft für Polarforschung.

References

- Dra. Montserrat Torné Escasany, Madrid, Spain,
- Prof. Dr. Cesar Ranero, Barcelona, Spain,
- Prof. Dr. Hans Thybo, Copenhagen, Denmark,
- Prof. em. Dr. David Gee, Uppsala, Sweden
- Dr. Philip A. Symonds, Canberra, Australia,
- Dr. Indroyono Soesilo, Jakarta, Indonesia,
- Amb. Luis Baqueriza, Buenos Aires, Argentina,
- C/N Hugo Roldos de la Sovera, Montevideo, Uruguay,
- Prof. Dr. Onno Oncken, Potsdam, Germany,
- Dr. Juan Diaz-Naveas, Valparaiso, Chile,
- Prof. Dr. Wolfgang Rabbel, Kiel, Germany,
- Prof. Dr. Hans-Jürgen Götze, Kiel, Germany,
- Prof. Dr. Gerhard Jentzsch, Jena, Germany,
- Dr. Karl Hinz, Hannover, Germany,
- Prof. em. Dr. Jürgen Wohlenberg, Burgwedel, Germany,
- MinDir ret. Fritz Lücke, Kiel, Germany,

Selected Peer Reviewed Publications of Christian J. Reichert (1999 – 2007)

FRANKE, D., HINZ, K., **REICHERT, C.** (subm.): Geology of the Shelf of the East Siberian Sea south of the De Long Uplift / Russian Arctic from seismic images.- Marine Geology.

DJAJADIHARDJA, Y.S., ASAHIKO TAIRA, HIDEKAZU TOKUYAMA, KAN AOIKE, **REICHERT, Chr.**, BLOCK, M., SCHLUETER, H.-U., NEBEN, S. (2004): Evolution of accretionary complex along the north arm of the Island of Sulawesi, Indonesia.- The Island Arc, ISSN 1038-4871.

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GREVEMEYER, I., FLUEH, E., **REICHERT, Chr.**, BIALAS, J., KLÄSCHEN, D., KOPP, C. (2001): Crustal Architecture and Deep Structure of the Ninetyeast Ridge Hotspot Trail from Active-Source Ocean Bottom Seismology. - Geophys. J. Int., 144, 414 - 431.

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